

Declaration of Performance

No: MF0006

1. Unique identification code of the product-type:

Wood screws with double flat head, pozi recess, Jetting Thread, zinc plated

Trademark: Turbo Gold

Diameter: 3.5 mm

Length: (18 - 60) mm

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

As per markings on packaging

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For use in load bearing timber structures

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Screws Ltd. BA22 8RT

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System: 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 14592:2008 +A1:2012

Strojirensky zkusebni ustav (SZU), s.p., Brno,Czech Republic (NB 1015)

8. Declared performance

Essential characteristics	Performance	Characteristic density of wood	Harmonised technical specification EN 14592:2008 +A1:2012 Clauses
Characteristic yield moment	$M_{y,k}=2707$ Nmm	N/A	Screws 6.3.4.1 - 6.3.4.2
Characteristic withdrawal parameter	$f_{ax,k}=20.34$ N/mm² Coating: type 1	$\rho_k=455$ kg/m³	Screws 6.3.4.3
Characteristic head pull through parameter	$f_{head,k}=22.94$ N/mm²	$\rho_k=440$ kg/m³	Screws 6.3.4.4

Characteristic tensile capacity	$f_{\text{tens,k}} = 5.82 \text{ kN}$	N/A	Screws 6.3.4.5
Characteristic torsional rasion	2.06	$\rho_k = 450 \text{ kg/m}^3$	Screws 6.3.4.6
Durability (Corrosion protection)	zinc plated (Service Class 1 acc. to EN 1995-1-1)	N/A	Screws 6.3.5

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Authorised Signatory



Name: Peter Harries

Quality Assurance Manager

Screw Ltd

15.05.2013

Declaration of Performance

No: MF0007

1. Unique identification code of the product-type:

Wood screws with double flat head, pozi recess, Jetting Thread, zinc plated

Trademark: Turbo Gold

Diameter: 4 mm

Length: (20 - 80) mm

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

As per markings on packaging

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For use in load bearing timber structures

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Screws Ltd. BA22 8RT

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System: 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 14592:2008 +A1:2012

Strojirensky zkusebni ustav (SZU), s.p., Brno, Czech Republic (NB 1015)

8. Declared performance

Essential characteristics	Performance	Characteristic density of wood	Harmonised technical specification EN 14592:2008 +A1:2012 Clauses
Characteristic yield moment	$M_{y,k}=3881 \text{ Nmm}$	N/A	Screws 6.3.4.1 - 6.3.4.2
Characteristic withdrawal parameter	$f_{ax,k}=20.38 \text{ N/mm}^2$ Coating: type 1	$\rho_k=455 \text{ kg/m}^3$	Screws 6.3.4.3
Characteristic head pull through parameter	$f_{head,k}=21.29 \text{ N/mm}^2$	$\rho_k=440 \text{ kg/m}^3$	Screws 6.3.4.4

Characteristic tensile capacity	$f_{\text{tens,k}}=5.25 \text{ kN}$	N/A	Screws 6.3.4.5
Characteristic torsional ration	3.65	$\rho_k=450 \text{ kg/m}^3$	Screws 6.3.4.6
Durability (Corrosion protection)	zinc plated (Service Class 1 acc. to EN 1995-1-1)	N/A	Screws 6.3.5

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Authorised Signatory



Name: Peter Harries

Quality Assurance Manager

Screw Ltd

15.05.2013

Declaration of Performance

No: MF0008

1. Unique identification code of the product-type:

Wood screws with double flat head, pozi recess, Jetting Thread, zinc plated

Trademark: Turbo Gold

Diameter: 4.5 mm

Length: (25 - 100) mm

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

As per markings on packaging

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For use in load bearing timber structures

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Screws Ltd. BA22 8RT

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System: 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 14592:2008 +A1:2012

Strojirensky zkusebni ustav (SZU), s.p., Brno, Czech Republic (NB 1015)

8. Declared performance

Essential characteristics	Performance	Characteristic density of wood	Harmonised technical specification EN 14592:2008 +A1:2012 Clauses
Characteristic yield moment	$M_{y,k}=4960 \text{ Nmm}$	N/A	Screws 6.3.4.1 - 6.3.4.2
Characteristic withdrawal parameter	$f_{ax,k}=20.33 \text{ N/mm}^2$ Coating: type 1	$\rho_k=455 \text{ kg/m}^3$	Screws 6.3.4.3
Characteristic head pull through parameter	$f_{head,k}=20.26 \text{ N/mm}^2$	$\rho_k=440 \text{ kg/m}^3$	Screws 6.3.4.4

Characteristic tensile capacity	$f_{\text{tens,k}}=6.16 \text{ kN}$	N/A	Screws 6.3.4.5
Characteristic torsional rasion	2.12	$\rho_k=450 \text{ kg/m}^3$	Screws 6.3.4.6
Durability (Corrosion protection)	zinc plated (Service Class 1 acc. to EN 1995-1-1)	N/A	Screws 6.3.5

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Authorised Signatory



Name: Peter Harries

Quality Assurance Manager

Screw Ltd

15.05.2013

Declaration of Performance

No: MF0009

1. Unique identification code of the product-type:

Wood screws with double flat head, pozi recess, Jetting Thread, zinc plated

Trademark: Turbo Gold

Diameter: 5 mm

Length: (25 - 140) mm

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

As per markings on packaging

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For use in load bearing timber structures

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Screws Ltd. BA22 8RT

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System: 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 14592:2008 +A1:2012

Strojirensky zkusebni ustav (SZU), s.p., Brno, Czech Republic (NB 1015)

8. Declared performance

Essential characteristics	Performance	Characteristic density of wood	Harmonised technical specification EN 14592:2008 +A1:2012 Clauses
Characteristic yield moment	$M_{y,k}=6737$ Nmm	N/A	Screws 6.3.4.1 - 6.3.4.2
Characteristic withdrawal parameter	$f_{ax,k}=18.52$ N/mm² Coating: type 1	$\rho_k=455$ kg/m³	Screws 6.3.4.3
Characteristic head pull through parameter	$f_{head,k}=21.25$ N/mm²	$\rho_k=440$ kg/m³	Screws 6.3.4.4

Characteristic tensile capacity	$f_{\text{tens,k}}=8.90 \text{ kN}$	N/A	Screws 6.3.4.5
Characteristic torsional rasion	3.51	$\rho_k=450 \text{ kg/m}^3$	Screws 6.3.4.6
Durability (Corrosion protection)	zinc plated (Service Class 1 acc. to EN 1995-1-1)	N/A	Screws 6.3.5

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Authorised Signatory



Name: Peter Harries

Quality Assurance Manager

Screw Ltd

15.05.2013

Declaration of Performance

No: MF0010

1. Unique identification code of the product-type:

Wood screws with double flat head, pozi recess, Jetting Thread, zinc plated

Trademark: Turbo Gold

Diameter: 6 mm

Length: (25 - 300) mm

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

As per markings on packaging

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For use in load bearing timber structures

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Screws Ltd. BA22 8RT

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System: 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 14592:2008 +A1:2012

Strojirensky zkusebni ustav (SZU), s.p., Brno, Czech Republic (NB 1015)

8. Declared performance

Essential characteristics	Performance	Characteristic density of wood	Harmonised technical specification EN 14592:2008 +A1:2012 Clauses
Characteristic yield moment	$M_{y,k}=11638$ Nmm	N/A	Screws 6.3.4.1 - 6.3.4.2
Characteristic withdrawal parameter	$f_{ax,k}=22.35$ N/mm² Coating: type 1	$\rho_k=455$ kg/m³	Screws 6.3.4.3
Characteristic head pull through parameter	$f_{head,k}=20.50$ N/mm²	$\rho_k=440$ kg/m³	Screws 6.3.4.4

Characteristic tensile capacity	$f_{\text{tens,k}} = 10.42 \text{ kN}$	N/A	Screws 6.3.4.5
Characteristic torsional ration	2.72	$\rho_k = 450 \text{ kg/m}^3$	Screws 6.3.4.6
Durability (Corrosion protection)	zinc plated (Service Class 1 acc. to EN 1995-1-1)	N/A	Screws 6.3.5

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

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Name: Peter Harries

Quality Assurance Manager

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15.05.2013